INTERNATIONAL SEARCH REPORT

Interl. ional Application No
PCT/US 98/15874

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 C04B28/14 C04B22/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 6 C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 681 998 A (US GYPSUM CORP) 15 November 1995 see examples 2-4 ---	1,24
A	DATABASE WPI Section Ch, Week 7830 Derwent Publications Ltd., London, GB; Class L02, AN 78-54041A XP002085465 & JP 53 067720 A (ASAHI DOW LTD) , 16 June 1978 see abstract ---	1,24
A	US 3 297 601 A (UNITED STATES GYPSUM CO) 10 January 1967 see column 5; claim 1 --- -/--	10,24, 28,30,31

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
24 November 1998	03/12/1998

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Rauscher, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 920 465 A (BURKARD EDWARD A ET AL) 18 November 1975 see column 2 - column 3; claim 1	20,28
A	US 4 183 908 A (ROLFE RICHARD B) 15 January 1980 see column 3; claim 1	1
A	US 4 043 825 A (MULLER MARTIN ET AL) 23 August 1977 see examples 2,4	1
A	US 3 347 627 A (MONSANTO CO) 17 October 1967 see column 1, line 19 - line 25; claim 1	1

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INTERNATIONAL SEARCH REPORT

Information on patent family members

Inter. onal Application No
PCT/US 98/15874

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0681998 A	15-11-1900	AT 167174 T	15-06-1998
		AU 692805 B	18-06-1998
		AU 1005295 A	23-11-1995
		BR 9507713 A	23-09-1997
		CA 2139373 A	13-11-1995
		CZ 9603297 A	14-05-1997
		DE 69502879 D	16-07-1998
		DK 53495 A	13-11-1995
		ES 2112159 A	16-03-1998
		ES 2120128 T	16-10-1998
		FI 952338 A	13-11-1995
		JP 8060139 A	05-03-1996
		NO 951868 A	13-11-1995
		NZ 270311 A	25-09-1996
		PL 317209 A	17-03-1997
		SK 145596 A	06-08-1997
		WO 9531415 A	23-11-1995
		US 5746822 A	05-05-1998
US 3297601 A	10-01-1967	NONE	
US 3920465 A	18-11-1900	US 3870538 A	11-03-1975
		US 4019920 A	26-04-1977
		AU 6494574 A	31-07-1975
		CA 984416 A	24-02-1976
		FR 2228735 A	06-12-1974
		GB 1412722 A	05-11-1975
US 4183908 A	15-01-1980	NONE	
US 4043825 A	23-08-1900	DE 2442098 A	18-03-1976
		BE 832899 A	01-03-1976
		FR 2283872 A	02-04-1976
		GB 1511283 A	17-05-1978
		IE 41789 B	26-03-1980
		JP 51050934 A	06-05-1976
		NL 7510411 A	05-03-1976
US 3347627 A	17-10-1900	BE 657323 A	
		DE 1567678 A	27-05-1971
		GB 1089683 A	
		NL 6414612 A	21-06-1965
		SE 314660 B	15-09-1969